

25. (New) The method of claim 24 wherein the basic subunits of said second polymer comprise polyvinylimidazole.
26. (New) A polymer membrane made according to the method of claim 24.
27. (New) A polymer membrane suitable for use in a membrane electrode assembly comprising a first polymer comprising acidic subunits and a second polymer comprising vinylimidazole subunits, wherein (i) at least one of said first or second polymers is an elastomeric copolymer further comprising elastomeric subunit, or (ii) the polymer membrane further comprises an elastomeric polymer comprising elastomeric subunits.
28. (New) A membrane electrode assembly comprising the polymer membrane of claim 26 or 27 and first and second catalysts positioned respectively on opposite surfaces of said membrane.
29. (New) A membrane electrode assembly of claim 28 further comprising a cathode electrode and an anode electrode wherein each of said electrodes is separately in electrical communication with said first and said second catalysts.
30. (New) An electrochemical device comprising the polymer membrane of claim 26 or 27.
31. (New) The electrochemical device of claim 30 comprising a battery.
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32. (New) A fuel cell comprising the polymer electrolyte membrane of claim 26 or 27.
33. (New) A fuel cell comprising the membrane electrode assembly of claim 28 or 29.
34. (New) An electronic device comprising the fuel cell of claim 32 or 33.